HYDRAULIC RESCUE TOOLS
Operating instructions HYDRO PAC

FAST

MOBILE

INDEPENDENT

COMPATILBE WITH ALL WEBER RESCUE TOOLS!

ATTENTION:

Read and follow this manual and safety regulations prior to operation.
The tools must be used by trained personnel only.
Regarding the technique of application we refer to the existing training documents in addition to the present regulations for preventing accidents.
The operating personnel has to wear protective clothing, helmet with visor and gloves.
The original specification of WEBER-HYDRAULIC rescue equipment must remain unchanged for operation. No modification in shape or in performance is allowed. Changing the pressure relief valve of the hydraulic power units or rescue tools is not permitted.
All hydraulic rescue tools are only designed for the use described in this manual under the heading „Application“. Any other applications are absolutely forbidden.
In case of maintenance work or troubleshooting after unexpected failure the power supply must be cut for safety reasons (e.g. turn off the motor, unplug the mains plug, uncouple the tool). When replacing the accessories (for example the spare tips or pulling devices) safety precautions have to be taken in order to prevent accidents.
The chain sets must be used exclusively for pulling operations, but not for lifting or stopping actions.
Take care that the control knobs are in neutral position when the tools are not in use.
Persons who are not involved in the operation must stay out of the danger area.
Take special care when working with splintering materials. Beware of splitting parts!

PUTTING INTO OPERATION:

Couple tool and start Hydro Pac by means of switch on remote control (ON).
The rescue tool is immediately ready for operation.

Attention: do not start Hydro Pac without a rescue tool connected – this will build up pressure in the hoses and pressure relief plug needs to be activated (ref. to last paragraph).

When rescue operation is finished, switch off motor.

Applications:
All WEBER-HYDRAULIK rescue tools can be driven with Hydro Pac power unit.
Units of other brands cannot be combined with our products because of different nominal pressures and/or synthetic hydraulic fluids and couplings.
Please refer to your distributor for compatibility approval.
Please get in contact with us or your distributor to clarify the feasibility of combination if nominal pressures are identical and mineral hydraulic fluids are used!

Operation of remote control / IMPORTANT NOTICE:

- **ON** / **OFF**: ON / OFF switch for motor

- **TEST:** Battery capacity is shown after a short load test via 3 LED's:

GREEN:	full capacity:
GREEN/ORANGE:	battery slightly discharged.
ORANGE:	battery partially discharged.
ORANGE/RED:	battery discharged – needs to be charged!
RED:	battery strongly discharged – immediate charging necessary.

- **RESET:**
At a certain point of discharging of the battery a safety unit stops the motor (deep discharge protection of the battery).
To complete a working step (cutting / spreading) this protection can be bypassed about 5 times by pressing the RESET button:

- **OIL**
In case of too much hydraulic oil in the Hydro Pac (e. g. when you retract a ram which was extended by another power unit) a safety sound starts to prevent excessive oil content in Hydro Pac.
If this sound is ignored, oil tank of Hydro Pac can be damaged!

Countermeasure: release oil of Hydro Pac by extending other rescue tools (spreader or ram).

-**ALARM**: to protect the lead-mat battery a LED starts to flash and a beep starts after passing first level of deep discharge protection.
If work is carried on up to second level of deep discharge protection, a permanent sound starts and also permanent LED light – MOTOR WILL STOP**.**
To finish working process, motor can be started again after pressing RESET button – after a certain time of about 8 seconds motor can be started again. RESET procedure can be done 5 times,
after more than 5 time battery will be damaged seriously.

PRESSURE RELIEF:
If the motor is started without a tool connected, pressure is built up in the hoses and rescue tools can not be connected.
Press pressure relief button between hoses of Hydro Pac to relief pressure.

CHARGING:
At the side of cover is an opening for connection to the charging system.
Please refer to operating instructions of Energy Pac.
NOTE always to CHARGE battery of Hydro Pac when not in use to ensure availability and proper operation of Hydro Pac.
Battery charging system is designed for continuous charging without any damage to the battery.

MAINTENANCE:
Hydro Pac is built maintenance free.
Observe minimum oil level (bellows in elongated hole) which is indicated at the side of the power unit.
Oil level can be adjusted by extending or retracting tools.